#1775-2

AGA American Gas Association

Gas Stats

Monthly Gas Utility Statistical Report

Planning and Analysis

1515 Wilson Boulevard
Arlington, Virginia 22209

Department of Statistics
Editor: Vanessa Chu (703) 841-8503

NOVEMBER 1989

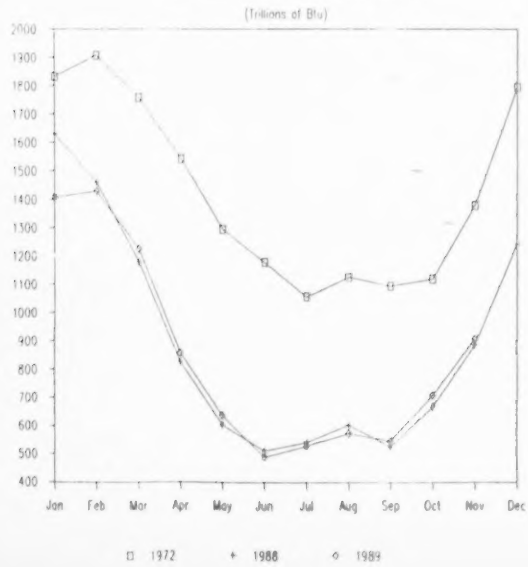
Residential and electric generation sales increased while commercial and industrial sales decreased in November 1989 compared with last year. Total utility sales were up from 888.5 trillion Btu in November 1988 to 908.0 trillion Btu in November 1989. Transportation volumes to end users were up 26.9 percent compared with last year.

GAS UTILITY VOLUMES TO ULTIMATE CONSUMERS (Trillions of Btu)

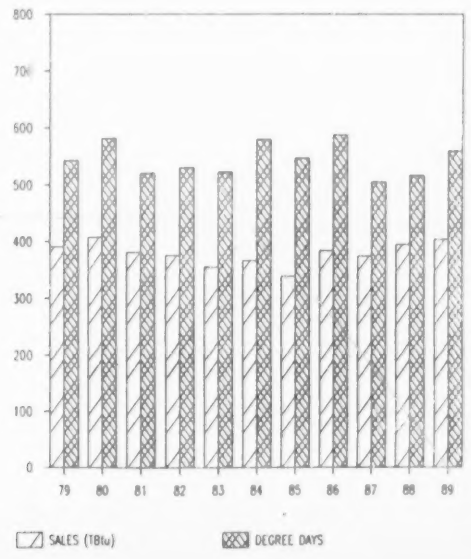
	November			Year to Date		January 1 to December 31		
	1989	1988	%Change[1]	1989	(% Change) Last Period	1989 Forecast[2]	1988	% Change
Residential	403.2	395.0	+ 2.1	3,998.0	- 0.8	4,653.6	4,691.8	- 0.8
Commercial	195.8	196.9	- 0.6	1,946.8	- 2.9	2,251.8	2,303.5	- 2.2
Industrial*	190.5	203.6	- 6.4	1,858.4	- 6.7	2,071.8	2,204.2	- 6.0
Elec. Gen.*	98.7	73.3	+ 34.6	1,363.5	+ 6.5	1,414.1	1,331.0	+ 6.2
Other	19.8	19.7	-	149.6	-	169.1	160.2	-
Total Sales	908.0	888.5	+ 2.2	9,316.3	- 1.4	10,560.4	10,690.7	- 1.2
Transportation*	448.8	353.6	+ 26.9	4,523.9	+ 18.7	4,910.2	4,196.7	+17.0
Total Volumes	1,356.8	1,242.1	+ 9.2	13,840.2	+ 4.4	15,470.6	14,887.4	+ 3.9**
Degree Days***	559	516	+ 8.3					

*Significant sales volumes have been displaced by transportation volumes.
**No direct comparison with EIA consumption figures should be made.
***Source: NOAA (Weighted by Gas Homeheating Customers - Normal for November is 563).

TOTAL MONTHLY GAS UTILITY SALES



NOVEMBER RESIDENTIAL GAS UTILITY SALES



RESIDENTIAL APPLIANCE SHIPMENTS - NOVEMBER

(Thousands of Units)

		1989	1988	% Change '88 vs.'89
Domestic Ranges	- Gas	215.0	208.8	+ 3.0
	- Electric	291.0	287.0	+ 1.4
Clothes Dryers	- Gas	87.4	92.3	- 5.3
	- Electric	310.6	308.6	+ 0.6
Water Heaters	- Gas	364.5	307.4	+ 18.6
	- Electric	278.2	259.3	+ 7.3
Warm Air Furnaces	- Gas	195.7	223.0	- 12.2
	- Electric	15.9	17.0	- 6.7
	- Oil	20.4	22.8	- 10.3
Boilers	- Gas	21.1	25.8	- 18.3
	- Electric	N/A	0.1	N/A
	- Oil	13.1	16.2	- 19.6

Source: Gas Appliance Manufacturers Association (GAMA). Association of Home Appliance Manufacturers.

SPOT PRICES TO GAS DISTRIBUTION COMPANIES

(November 1989)

Receipt Point	Price ($MMBtu)[a]
Northeast	$2.38
Southeast	$2.28
Midwest	$2.02
Southwest	$1.90
West	$2.22
Total	$2.16

Source: American Gas Association

[a]Represents average price paid at receipt point for a one-month contract.

ECONOMIC INDICATORS - NOVEMBER

	1989	1988	% Change '88 vs '89
Total Actual Private Housing Starts (Thous. of units)	96.9	113.0	- 14.2
Consumer Price Index (All urban, unadjusted, 1982 - 1984 = 100)			
Gas (utility pipe gas)	96.7	95.2	+ 1.6
Electricity	112.7	109.7	+ 2.7
Fuel Oil	83.0	71.6	+ 15.9

Source: Department of Commerce, Bureau of Labor Statistics

Index Total Gas Sales (1972 = 100)	65.9	64.4	+ 2.2
Gas Utility Prices ($/MMBtu)			
Residential	5.65	5.36	+ 5.4
Commercial	4.96	4.62	+ 7.4
Industrial	2.96	2.97	- 0.2
Electric Generation	2.66	3.05	- 12.6
Total	4.55	4.40	+ 3.5
Carriage Volumes[3] (Trillions of Btu)			
To Ultimate Consumers	448.8	353.6	+ 26.9
For Ultimate Consumers	138.5	100.4	+ 37.9
For Resale	498.9	434.6	+ 14.8
Total	1,086.2	888.6	+ 22.2

Source: American Gas Association

AVERAGE GAS UTILITY PRICES FOR THE 12 MONTH PERIOD ENDING

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind. Only	Elec. Gen.	Other
1979	Dec.	2.522	2.918	2.665	2.261	2.120	1.937
1980	Dec.	3.134	3.612	3.336	3.184	2.651	2.667
1981	Dec.	3.650	4.161	3.909	3.311	3.241	3.458
1982	Dec.	4.456	4.969	4.721	3.969	4.090	4.303
1983	Dec.	5.120	5.882	5.508	4.486	4.198	4.921
1984	Dec.	5.128	5.938	5.511	4.410	4.222	4.869
1985	Dec.	5.017	5.953	5.441	4.248	3.812	4.791
1986	Dec.	4.602	5.652	5.035	3.650	2.726	4.025
1987	Dec.	4.315	5.387	4.764	3.112	2.511	3.427
1988	Nov.	4.290	5.274	4.625	3.048	2.516	3.323
	Dec.	4.313	5.288	4.632	3.040	2.545	3.359
1989[P]	Jan.	4.349	5.347	4.667	3.047	2.535	3.395
	Feb.	4.375	5.406	4.698	3.037	2.496	3.448
	Mar.	4.394	5.434	4.725	3.014	2.481	3.468
	Apr.	4.400	5.449	4.724	3.002	2.479	3.481
	May	4.405	5.458	4.733	2.986	2.497	3.489
	June	4.407	5.459	4.737	2.980	2.505	3.486
	July	4.410	5.463	4.746	2.992	2.487	3.493
	Aug.	4.414	5.470	4.760	2.988	2.441	3.466
	Sep.	4.415	5.477	4.772	2.971	2.438	3.436
	Oct.	4.406	5.492	4.782	2.976	2.427	3.418
	Nov.	4.419	5.516	4.812	2.975	2.412	3.429

AVERAGE MONTHLY GAS UTILITY PRICES

($/MMBtu)

Year	Month	Total	Res.	Comm.	Ind.& Elec.	Ind. Only	Elec. Only
1987	Nov.	4.27	5.30	4.68	2.84	3.05	2.43
	Dec.	4.38	5.01	4.65	2.98	3.17	2.54
1988	Jan.	4.38	4.90	4.56	2.99	3.28	2.36
	Feb.	4.43	4.95	4.61	3.06	3.22	2.61
	Mar.	4.48	5.06	4.65	3.14	3.34	2.59
	Apr.	4.42	5.21	4.66	2.98	3.19	2.51
	May	4.22	5.59	4.61	2.79	3.05	2.43
	June	4.16	6.35	4.71	2.73	2.87	2.56
	July	3.81	6.58	4.66	2.52	2.76	2.35
	Aug.	3.74	6.74	4.67	2.65	2.79	2.56
	Sep.	3.88	6.52	4.66	2.55	2.71	2.34
	Oct.	4.34	5.74	4.60	2.83	2.87	2.69
	Nov.	4.40	5.36	4.62	2.99	2.97	3.05
	Dec.	4.58	5.13	4.71	3.14	3.10	3.32
1989[P]	Jan.	4.66	5.21	4.78	3.02	3.43	2.17
	Feb.	4.62	5.30	4.81	2.79	3.14	2.08
	Mar.	4.64	5.29	4.87	2.89	3.12	2.33
	Apr.	4.49	5.39	4.64	2.85	3.03	2.47
	May	4.32	5.75	4.79	2.77	2.83	2.67
	June	4.18	6.45	4.81	2.73	2.78	2.67
	July	3.86	6.81	4.90	2.53	2.95	2.23
	Aug.	3.77	6.99	5.05	2.45	2.71	2.29
	Sep.	3.90	6.67	4.97	2.40	2.47	2.33
	Oct.	4.21	6.05	4.77	2.72	2.92	2.45
	Nov.	4.55	5.65	4.96	2.86	2.96	2.66

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[1]Gas volumes are based on, and the percent change is a function of, the 69 sample companies whose sales constitute about 58% of total gas utility sales to ultimate consumers. The peak year in total sales for the gas utility industry occurred in 1972.

[2]1989 forecasts for the residential and commercial sectors are based on available 1989 monthly data with the remaining months derived by using a four year average. The industrial sector forecast (industrial only, electric generation, and transportation) is also based on available 1989 monthly data with the remaining months of 1989 heavily weighted by last years volumes with no adjustment made for degree days.

[3]Carriage volumes determined by using a simple straight expansion of sample data to represent the total gas utility industry. Carriage volumes for ultimate consumers are volumes owned by the ultimate consumer but delivered to another transporter, not the ultimate consumer, and are therefore broken out to eliminate double counting of volumes delivered to ultimate consumers.

P-Preliminary.